

1                   **PERIPHERAL DATA STORAGE SYSTEM WITH**  
2                   **MULTI-STATE USER DISPLAY**

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4                   **ABSTRACT**

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6           A method of displaying states of a peripheral data storage system (PDSS)  
7 comprising a data storage device, a data storage system controller, a user-actuated signaling  
8 subsystem, a user display subsystem adapted to display the states, and a peripheral data  
9 storage controller host interface adapted for communication with a host system. The  
10 method includes determining a state of the PDSS; displaying a first display state via the  
11 user display subsystem if the PDSS is in an idle state; displaying a second display state via  
12 the user display subsystem if the PDSS is in a state corresponding to receiving a signal  
13 from the user-actuated signaling subsystem; displaying a third display state via the user  
14 display subsystem if the PDSS is in a dynamically active state; and displaying a fourth  
15 display state via the user display subsystem if the PDSS is in an off state.